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PRODUCE NEW ALLOY STEEL, MAGNETIC BRAKE

BEGINS PRODUCTION OF HIGH-SPEED STEEL -- Ljubljana, Slovenski Porocevalec, 7 Mar 51

Recently, the ironworks at Gustanj produced its first molybdenum-base, high-speed steel. Thus far, Yugoslav steel has been alloyed with wolfram. Wolfram must be imported, while molybdenum is mined in Yugoslavia. Engr Franc Novak was successful in his attempts to alloy steel with a compound of silicon and molybdenum.

At present, the ironworks produces various types of stainless steel, high-temperature-resistant steel, and steel for tools, machine parts, and for the shipbuilding and aircraft industries. The ironworks has been successful in casting machine parts from manganese steel, chromium and molybdenum steel, and high-temperature-resistant steel for the mines at Trepca, Bor and Mezica. Some alloy steel in the ironworks is produced in open-hearth furnaces instead of in electric furnaces.

In addition to open-hearth furnaces, two electric furnaces will be installed soon in the new steel mill. A hydraulic press which will have a capacity of 600 tons is being installed in the forging shop. This press will be able to forge pieces of steel, such as grates, weighing up to 4,000 kilograms.

CONSTRUCTS MAGNETIC BRAKE -- Zagreb, Vjesnik, 4 Mar 51

Belgrade, 3 March -- The "Sever" Electric Motor Factory in Subotica recently completed the first Yugoslav-made magnetic brake for testing the power output of all types of motors, as well as the power consumption of threshing machines and compressors.

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